

----- Transmitted by Estelle Noone/CIV/CSC on 11/18/99 -----

To: Willie Fuller <wfuller@pop500.gsfc.nasa.gov>
Subject: MPS/PM-1 (Engineering Patch) Release 2.2 Delivery Letter

Willie,

We are pleased to deliver Release 2.2 of the ETS Multimode Portable Simulator for PM-1/Aqua (MPS/PM-1). This engineering patch delivery provides resolutions to Discrepancy Reports (DRs) SMOdr05697 and SMOdr05704, and changes the telemetry packets transmitted to match those defined in the 11/8/99 version of the PM-1/Aqua Project Data Base.

There are three attachments to this letter. The first attachment contains the DR descriptions, the list of source files updated, and the installation instructions. The second attachment contains an updated release history summary matrix. The third attachment contains an updated Mission Systems Configuration Management (MSCM) form.

The updated software executable modules are being delivered on ZIP disk. In addition to the copy being provided to you, two copies are being given to Guy Cordier, one to be forwarded to Raytheon at Denver and the other for installation on the simulator PC at the PM-1/Aqua temporary control center in S9.



Attacha.doc Attatchb.doc Attachc.doc

cc: mrackley@pop500.gsfc.nasa.gov, alan.johns@gsfc.nasa.gov,
Alexander.Krimchansky.1@gsfc.nasa.gov, Janice Swope/CIV/CSC@CSC,
gcordier@rattler.gsfc.nasa.gov, kcklem@west.raytheon.com, William
Parlock/CIV/CSC@CSC, Ernest Quintin/CIV/CSC@CSC, Pat
Burrows/CIV/CSC@CSC

Attachment A - Release 2.2 Delivery Contents and Build Instruction

Several of the MPS/PM-1 source files have been upgraded since the delivery of Release 2.1. The changes made were in response to the Discrepancy Reports (DRs) described in the following table, and in response to a verbal request from M. Rackley to change the packets transmitted to match those in the 11/8/99 version of the Project Database.

DR Number	Severity	DR Short Description	Comment
ETS0337	1	Incorrect CLCWs.	Reported by users
ETS0341	2	Saved created projects cratering simulator when retrieved.	Reported by users

The changed source files are:

Module	Files
NeTTServer.exe	NeTTSaveRestore.cpp, NeTTSaveRestore.h NeTTModuleHolder.cpp, NeTTModuleHolder.h NeTTProject.cpp, NeTTProject.h
SCPM1.dll	CLCWThread.cpp, CLCWThread.h ClcwPacket.cpp, ClcwPacket.h TlmMain.cpp, TlmMain.h TlmSend.cpp, TlmSend.h

These files will replace the corresponding files delivered in Release 2.0 and 2.1. There are no new files.

Installation Instructions

The changed files have been compiled and linked into executable modules. To install the Release 2.2 executable files, simply replace the corresponding Release 2.0/2.1 files in the C:\Program Files\csc\NeTT Server 2.0 directory with the new version. Spaces in the directory path shown are significant.

If it is desired to save the original files, rename them before performing the copy of the new files.

Attachment B - Release History Summary Matrix

Attached is the release history summary matrix which reflects the MPS/PM1 Release 2.2 delivery.

Release History Summary Matrix									
SYSTEM:	SIMSS/PM1								
RELEASE NUMBER		1.0	1.1	2.0	2.1	2.2			
DELIVERY DATE		7/30/99	9/2/99	9/24/99	10/25/99	11/18/99			
CONFIGURATION ITEM	CI NO.								
Core (client)	1.1	1.0	1.0	2.0	2.0	2.0			
Core (server)	1.2	1.0	1.0	2.0	2.0	2.2			
SC-PM1 (client)	1.3	1.0	1.0	2.0	2.0	2.0			
SC-PM1 (server)	1.4	1.0	1.0	2.0	2.1	2.2			
GS (client)	1.5	1.0	1.0	2.0	2.0	2.0			
GS (server)	1.6	1.0	1.0	2.0	2.0	2.0			
IP input (client)	1.7	1.0	1.1	2.0	2.0	2.0			
IP input (server)	1.8	1.0	1.1	2.0	2.0	2.0			
IP output (client)	1.9	1.0	1.1	2.0	2.0	2.0			
IP output (server)	2.0	1.0	1.1	2.0	2.0	2.0			

DQM (client)	2.1	*	*	*	*	*			
DQM (server)	2.2	*	*	*	*	*			
Logging (client)	2.3	1.0	1.1	2.0	2.0	2.0			
Logging (server)	2.4	1.0	1.1	2.0	2.0	2.0			

_ * To be delivered in a future release

Attachment C — Mission Systems Configuration Management Form

This attachment contains the completed Mission Systems Configuration Management (MSCM) form for the delivery of MPS/PM1 Release 2.2.

Mission Systems Configuration Management Form

<u>1. ORIGINATOR</u> Estelle Noone	<u>2. ORGANIZATION</u> CSC	<u>3. PHONE</u> 301-805-3653	<u>4. E-MAIL ADDRESS</u> enoone@csc.com
<u>5. ELEMENT</u> ETS (MPS/PM-1)		<u>6. INSTALLATION PRIORITY</u> Routine	<u>7. TRACKING NUMBER</u> (Assigned by CM Office)
<u>8. SOURCE CHANGE REQUEST(S):</u> ETS MPS/PM-1 (SIMSS/PM1) Engineering Patch Release 2.2		<u>9. APPROVALS</u> <div style="display: flex; justify-content: space-between;"> <div>Element Manager _____</div> <div>_____/_____/_____</div> </div> <div style="display: flex; justify-content: space-between;"> <div>Flight Ops Director _____</div> <div>_____/_____/_____</div> </div> <div style="display: flex; justify-content: space-between;"> <div>Operations Manager _____</div> <div>_____/_____/_____</div> </div>	
<u>10. DELIVERED SYSTEM</u> (Check all that apply)			
	Name	Version	Media Identification
<input checked="" type="checkbox"/> Software	<u>MPS/PM-1</u>	<u>2.2</u>	<u>ZIP Disk</u>
<input type="checkbox"/> Hardware	_____	_____	_____
<input type="checkbox"/> Database	_____	_____	_____
<input checked="" type="checkbox"/> Documentation:			
	<u>MPS/PM1 delivery package</u>	<u>N/A</u>	<u>via e-mail</u>
	_____	_____	_____
	_____	_____	_____
<input type="checkbox"/> Other	_____	_____	_____
<u>11. CHANGE DESCRIPTION</u> Patch release to satisfy DRs SMOdr05697 (ETS0337) and SMOdr05704 (ETS0341) and a verbal request from NASA to change the telemetry packets being transmitted to match those defined in the 11/8/99 PDB. _____ _____ _____			
<u>12. ATTACHMENT(S):</u> Check if YES <input checked="" type="checkbox"/> Description: <u>MPS/PM1 (SIMSS/PM1) Release 2.2 delivery package dated 11/18/99</u> _____ _____			
<u>13. CM OFFICE USE</u>			
	Location (Bldg/Room)	Slot location(s)	
Hardware	_____/_____	_____	
Media	_____/_____	_____	
Documentation	_____/_____	_____	
Installation date	_____/_____/_____	CM Office Signature _____	

Form MSCM (970327)